

ABSTRACT

The invention relates to a method for programming and/or executing programs for industrial automation systems. Modules and functions that respectively represent partial tasks of an automation solution are modeled and/or generated by means of input aids and optionally a display device. Said modules and functions are structured and networked by means of the input aids and optionally the display device in such a way that they form at least one hierarchical tree, as at least one machine-independent program. According to the invention, the or each machine-independent program in the form of at least one hierarchical tree is loaded into the corresponding components of the automation system. Said corresponding components of the automation system execute the or each machine-independent program.